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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/656,964	09/08/2003	Ray Louwagie	L592-003-PAT	8822
7590 01/05/2007 Angenehm Law Firm, Ltd. P.O. Box 48755 Coon Rapids, MN 55448-0755			EXAMINER HONG, JOHN C	
			ART UNIT 3726	PAPER NUMBER

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/05/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/656,964	<b>Applicant(s)</b> LOUWAGIE ET AL.	
	<b>Examiner</b> JOHN C. HONG	<b>Art Unit</b> 3726	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 November 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) 17-19 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. Applicant's election without traverse of claims 1-16 in the reply filed on 11/8/06 is acknowledged.

#### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-16 are rejected under 35 U.S.C. 102(b) as being anticipated by JP410086073.

'073 disclose : Regarding Claim(s) 1, a tool comprising: a body having an inner surface and an outer surface; means for gripping (2) disposed about an outer surface of the body; a central bore (5) defined by the inner surface of the body, the central bore disposed co-axially through said body, the central bore being shaped to snugly receive a quad shield coax cable longitudinally within the tool; a channel defined by the body, the channel joining the inner surface to the outer surface, the channel being v-shape parallel to a central axis of the body; a first bit end (3) of the body having first, second, third, and fourth engaging surfaces, such engaging surfaces of the first bit end being sized and disposed to grasp a fitting on a coax cable and such engaging surfaces of the first bit end being fixed in relation to each other; and a second bit end (4) of the body having first, second, third, fourth, fifth and sixth engaging surfaces, such engaging surfaces of the second bit end being sized and disposed to grasp a fitting on a coax cable, such engaging surfaces of the second bit end being fixed relative to each other and the first and sixth engaging surfaces having the channel extend therebetween (Abstract; Fig 1);

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Regarding Claim(s) 2, a tool comprising : a body having an inner surface and an outer surface; a central bore defined by the inner surface of the body, the central bore having a first diameter adjacent a first end of the central bore, the central bore having a second diameter adjacent a second end of the central bore, and the first diameter being larger than the second diameter; a channel defined by the body, the channel joining the inner surface to the outer surface; a first bit end of the body; and a second bit end of the body (Fig. 1); Regarding Claim(s) 3, the first bit end has a diameter, the diameter of the first bit end being smaller than the diameter of the first end of the central bore; Regarding Claim(s) 4, the second bit end has a diameter, the diameter of the second bit end being larger than the diameter of the second end of the central bore; Regarding Claim(s) 5 the channel is v-shaped along a plane parallel to a central axis of the body; Regarding Claim(s) 6, the body includes an insulation engagement wall oriented perpendicular to a central axis of the body, the cable being limited in longitudinal distance that the cable may move by engagement with the insulation engagement wall in one direction and by engagement with the inner surface in the opposite direction, preventing a fitting from disengaging from the first bit end; Regarding Claim(s) 7, the body includes a fitting engagement wall oriented perpendicular to a central axis of the body, the fitting engagement wall positioned to engage a fitting of a coax cable when the second bit end engages a fitting; Regarding Claim(s) 8, the first bit end of the body includes first, second, third, and fourth engaging surfaces; Regarding Claim(s) 9, engaging surfaces of the first bit end are sized and disposed to grasp a fitting on a quad shield coax cable;

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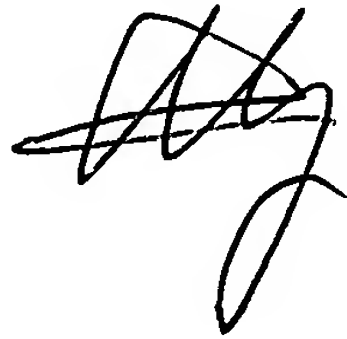
Regarding Claim(s) 10, wherein the engaging surfaces of the first bit end are fixed in relation to each other; Regarding Claim(s) 11, the second bit end of the body has first, second, third, fourth, fifth and sixth engaging surfaces; Regarding Claim(s) 12, the engaging surface of the second bit end are sized and disposed to grasp a fitting on an RG6 and on an RG59 coax cable; Regarding Claim(s) 13, the engaging surfaces of the second bit end are fixed relative to each other; Regarding Claim(s) 14, the first and sixth engaging surfaces define the channel extending therebetween; Regarding Claim(s) 15, the channel is of sufficient width to pass an insulative coating of a coax cable therethrough; Regarding Claim(s) 16, a coax cable positioned in the central bore (Abstract; Fig. 1).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JOHN C. HONG whose telephone number is 571-272-4529. The examiner can normally be reached on HPH.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DAVID BRYANT can be reached on 571-272-4526. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



JOHN C HONG  
Primary Examiner  
Art Unit 3726

Jh  
December 26, 2006